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Attorney Docket No.: P-6274-US

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: KUSHNARENKO, Alexander  
Examiner: Not yet known  
Serial No.: 10/774,806  
Group Art Unit: 2818  
Filed: February 10, 2004  
Title: HIGH VOLTAGE LOW POWER DRIVER

Mail Stop Amendment  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**INFORMATION DISCLOSURE STATEMENT**

Pursuant to 37 C.F.R. §§1.56, 1.97 and 1.98, this Information Disclosure Statement includes Form PTO-1449:

1. ☒ listing documents including patents, publications and other information for consideration by the Examiner, however, since the subject application was filed after June 30, 2003, copies of United States patents, and/or United States patent applications, and/or United States patent application publications are not included in this information disclosure statement; and/or
2. ☐ listing documents including patents, publications and other information that have been previously cited or submitted to the Patent Office in prior application U.S. Serial No. \_\_\_\_\_, filed \_\_\_\_\_ which is properly identified and relied on for an earlier effective filing date under 35 U.S.C. 120 for consideration by the Examiner; however, in accordance with 37 C.F.R. 1.98(d), copies of such documents are not included in this information disclosure statement; and/or
3. ☐ listing documents including patents, publications, and other information for consideration by the Examiner, copies of which are included with this information disclosure statement;

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4. ☐ listing other information for the Examiner's consideration which was cited in a communication from a foreign patent office in a counterpart foreign application, a copy of which is included with this information disclosure statement.

The information herein cited is only in fulfillment of Applicant(s) duty of candor in disclosing all information brought to Applicant(s) attention. This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art". If it should be determined that any of the listed documents do not constitute "prior art" under United States law, Applicant(s) reserve the right to present to the office the relevant facts and law regarding the appropriate status of such documents.

Applicant(s) further reserve(s) the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

In accordance with MPEP Sections 609 and 707.05(b), it is requested that each and every document cited (including any cited in applicant's specification which is not repeated on the attached Form PTO-1449) be given thorough consideration and that it be cited of record in the prosecution history of the present application by initialing on Form PTO-1449. Such initialing is requested even if the Examiner does not consider it to be prior art for any reason, or even if the Examiner does not believe that the guidelines for citation have been fully complied with. This is requested so that each document becomes listed on the face of the patent issuing on the present application and is evidence that the Examiner has considered the document.

This Information Disclosure Statement is being filed:

I) ☒ Within three (3) months of filing the subject Application or entry of the subject Application into the national stage or before mailing of the first Office Action on the merits of the subject Application or a request for continued examination thereof, whichever event occurs last pursuant to of 37 C.F.R §1.97 (b); or

II) ☐ After the period specified in (I) but before the mailing date of either a final Official Action under 37 C.F.R §1.113 or a notice of allowance under 37 C.F.R §1.311 whichever occurs first and;

1. ☐ the undersigned hereby states that each item of information listed on the Form PTO-1449 was either (i) cited in a communication from a foreign patent office in a counterpart foreign application not more than three (3) months prior to

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FILED: February 10, 2004  
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the filing of this Information Disclosure Statement or (ii) not cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, not known to any individual designated in §1.56(c) more than three (3) months prior to the filing of this information disclosure statement; or

2. ☐ the undersigned hereby authorizes the Patent Office to charge the fee in the amount of \$180.00 under 37 C.F.R §1.17 (p) to Deposit Account 05-0649.

III) ☐ After the period in (I) and (II) but before the payment of the issue fee and,

1. The undersigned hereby states:

a) ☐ that each item of information cited on the form PTO-1449 was cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three (3) months prior to the filing of this Information Disclosure Statement; or

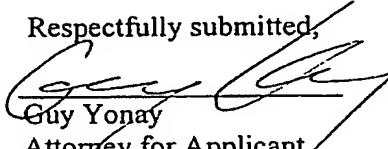
b) ☐ that no items of information contained in Form PTO-1449 was cited in a communication from a foreign patent office in a counterpart foreign application, and to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in this Information Disclosure Statement was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement; and

2. ☐ The undersigned hereby authorizes the Patent Office to charge the Petition fee in the Amount of \$180.00 under 37 C.F.R §1.17 (p) to Deposit Account 05-0649.

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Except for issue fees payable under 37 C.F.R. §1.18, the Commissioner is hereby authorized by this paper to charge any additional fees during the entire pendency of this application including fees due under 37 C.F.R. §§1.16 and 1.17 which may be required, including any required extension of time fees, or credit any overpayment to Deposit Account No. 05-0649.

Respectfully submitted,

  
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Attorney for Applicant  
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Dated: October 17, 2004

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Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/774,806
				Filing Date	February 10, 2004
				First Named Inventor	KUSHNARENKO, Alexander
				Group Art Unit	2818
				Examiner Name	Not yet known
Sheet	1	of	5	Attorney Docket Number	P-6274-US

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines. Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
	1	6,081,456		Dadashev	June 27, 2000	
	2	6,028,324		Su et al.	February 22, 2000	
	3	6,154,081		Pakkala et al.	November 28, 2000	
	4	6,627,555		Eitan et al.	September 30, 2003	
	5	6,339,556		Watanabe	January 15, 2002	
	6	6,665,769		Cohen et al.	December 16, 2003	
	7	5,847,441		Cutter et al.	December 8, 1998	
	8	5,276,646		Kim et al.	January 4, 1994	
	9	5,142,496		Van Buskirk	August 25, 1992	
	10	5,381,374		Shiraishi et al.	January 10, 1995	
	11	5,663,907		Fraye et al.	September 2, 1997	
	12	5,636,288		Bonneville et al.	June 3, 1997	
	13	5,903,031		Yamada et al.	May 11, 1999	
	14	5,726,946		Yamagata et al.	March 10, 1998	
	15	5,963,412		En	October 5, 1999	
	16	5,946,258		Everitt et al.	August 31, 1999	
	17	6,452,438		Li	September 17, 2002	
	18	6,359,501		Lin et al.	March 19, 2002	
	19	6,353,356		Liu	March 5, 2002	
	20	6,297,974		Ganesan et al.	October 2, 2001	

[illegible]

Examiner Signature		Date Considered	
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<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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		Application Number	10/774,806
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		Group Art Unit	2818
		Examiner Name	Not yet known
Sheet	5	of	5
		Attorney Docket Number	P-6274-US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (where appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	71	Martin, "Improved Circuits for the Realization of Switched-Capacitor Filters", IEEE Transactions on Circuits and Systems, Apr., 1980, pp 237-244, Vol CAS-27	<input type="checkbox"/>
	72	Klinke, et al, "A Very-High-Slew-Rate CMOS Operational Amplifier", IEEE Journal of Solid-State Circuits", 1989, pp 744-746. Vol. 24	<input type="checkbox"/>
	73	Shor, et al, "paper WA2 04 01 - Self regulated Four-Phased Charge Pump with Boosted Wells", ISCAS 2002, 2002	<input type="checkbox"/>
	74	Fotouhi, "An Efficient CMOS Line Driver for 1.544-Mb/s T1 and 2.048-Mb/s E1 Applications", IEEE Journal of Solid-State Circuits, 2003, pp. 226-236, Vol 38	<input type="checkbox"/>
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\* EXAMINER: Initial if reference considered. whether or not citation is in conformance with MPEP 609 Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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